

Notice of Allowability

Application No.

10/664,618

Examiner

Abdou Karim Seye

Applicant(s)

BJARE ET AL.

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 08/13/2007 and 10/22/2007.
2. ☒ The allowed claim(s) is/are 1,3-5,10-12, 14-16 and 21-22 (now renumbered as claims 1-12).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER
WILLIAM THOMSON

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Michael Cameron (Reg. No. 50,298) on 22 October 2007.

3. The application has been amended as follows:

*a. Amendment to the Claims :The claims of this application have been amended as presented in the fax received on **22 October 2007** and hereto attached.*

Allowable Subject Matter

4. Claims **1, 3-5, 10-12, 14-16 and 21-22** are allowed.

5. The following is an examiner's statement of reasons for allowance:

The arts of record used as the basis for the previous rejection, Gouge, et al (US Patent 6931429) does not expressly teach or render obvious the invention as recited in independent **claims 1 and 12**.

a. As to **claim 1**, the art of record does not expressly teach a framework interface domain further comprising an open platform application programming interface (OPA),

for interfacing a platform domain with application domain software of an application domain; a software application domain comprising at least one application entity wherein the software application domain further comprises at least one utility entity and at least one plug-in entity;

wherein the at least one utility entity is adapted to use at least one of:

the framework interface domain;
at least one application entity;
the at least one plug-in entity; and
the at least one utility entity,

wherein the at least one application entity, the at least one plug-in entity and the at least one utility entity comprises encapsulated code; and

wherein the at least one plug-in entity is adapted to use the framework interface domain and wherein the application entity is adapted to own at least one thread that is automatically created upon start-up of the application entity;

wherein the at least one application entity is adapted to interact with at least one of:

the framework interface domain;
[[an]] the at least one utility entity; and
[[a]] the at least one plug-in entity; and

wherein the software application framework includes a rulebook when taken in the context of the claim, as a whole. More over, the art of record does not provide a basis of evidence for asserting a motivation driven from the art or from one knowledgeable in the art, that one of ordinary skill in the art at the time the invention was made would have modified a computer product adapted to provide a high-level application-domain environment in a mobile equipment to combine the disclosed limitations as recited in the context of **Claim 1**.

b. As to **Claim 12**, being directed to a method adapted to provide a high-level application-domain environment in a mobile equipment having substantially the same limitations as **Claim 1**, this claim is allowable for the same reasoning as recited in **Claims 1** above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Exr. Abdou Seye whose telephone number is (571) 270-1062. The examiner can normally be reached Monday through Friday from 7:30 a.m. to 4:00 p.m. If attempts to reach the examiner by telephone are unsuccessful, contact the examiner's supervisor, William Thomson at (571) 272-3718. The fax phone number for formal or official faxes to Technology Center 3600 is (571) 273-8300. Draft or informal faxes, which will not be entered in the application, may be submitted directly to the examiner at (571) 273-6722. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group Receptionist whose telephone number is (571) 272-3600.

AKS
October 24, 2007


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER